

Dr. Fixit Raincoat Classic



REACTIVE ACRYLATE COPOLYMERS

Description

Dr. Fixit Raincoat Classic is an advanced external wall waterproof coating using Reactive Acrylate Copolymer technology. It protects walls from fungi, algae, and dampness with a flexible emulsion resin binder, special preservatives, and additives, creating a durable barrier that retains vibrant colors. It is applied as a topcoat with Dr. Fixit Raincoat Waterproof Coating as the basecoat in a combo system.

Standard Compliance / Specification

Confirms to SS 500:2015 Singapore waterproofing standard

Areas of Application

- Freshly plastered vertical wall surfaces
- Repainting surfaces
- Concrete wall surfaces

Features & Benefits

- Resists wind-driven rain helps prevent water penetration into the substrate.
- Waterproofing: Higher film thickness provides crack-bridging ability and waterproofing properties.
- Flexibility: Covers hairline cracks (up to 2 mm) effectively, preventing water ingress.
- Toughness: Tough film withstands wind-driven rain.
- Long-Lasting Performance: Backed by a 10 -year waterproofing warranty and a 10-year warranty on color retention and film integrity.
- Ready to use: No diluting is required.
- Microbial resistance: resistant to fungus and algae, maintaining aesthetic value.
- UV-resistant: Provides excellent color retention for a long-lasting, attractive finish.
- Ease of application: user-friendly, easily applicable by brush, roller, or spray.

Method of Application

1 SURFACE PREPARATION

- New plaster or masonry surfaces must be allowed to cure 8 weeks before application. Cured plaster should be hard (non-powdery) and in sound condition.
- Remove laitance (accumulation of particles on fresh concrete) with a wire brush followed by cleaning with high water pressure jet. Algae and fungus on the wall are to be removed by using bio side or fungicidal solution and cleaning the same with high-water pressure jet.
- Strip all the old paint / putty and remove all the loose particles if any before starting the painting process.
- All cracks up to 3 mm in width should be opened up 5mm making the V groove and fill with Dr. Fixit Crack X Paste. Apply the primer coat prepared with Dr. Fixit Crack-X Paste and water in 1:1 proportion over the crack surface. Fill cracks with Dr. Fixit Crack-X Paste when the surface is tacky and not dried completely.
- For cracks larger than 5mm and separation gaps, use polymer-modified mortar (PMM) mixed with Dr. Fixit Pidicrete URP 10 by weight of cement after making the V groove or by Dr. Fixit Polymer Modified Mortar HB
- Fill gaps around window frame and masonry wall with Feviseal Neutral Pro sealant.

MIXING

- Prior to use, mix coating at slow speed with drill and mixing paddle to ensure uniform mixing of material, color, and to minimize air entrapment.

FOR FRESH PLASTER SURFACE

Sel Primer Application

- After completing the proper surface preparation and allowing the repaired areas to cure, thoroughly wash the surface and keep fresh plaster wall surface it in a saturated surface dry condition (SSD). Apply one Self -



priming coat of Dr. Fixit Raincoat Waterproof Coating or Dr. Fixit Raincoat Basecoat in a 2:1 ratio with water (2 parts Raincoat Basecoat mixed with 1 part water). Maintain a spreading rate of 8-10 square meters per liter for a single coat. Allow the primer application to dry for 4-6 hours.

- Note: On fresh cement wall putty surface apply a coat of Dr. Fixit Primo Putty Primer diluted with water by 100% by volume (Dr. Fixit Primo Putty Primer 1: Water 1). Maintain the spread rate 14-16 Sq.mt/liter/coat and it cure for 3-4 hours followed by application of Dr. Fixit Raincoat Waterproof Coating or Dr. Fixit Raincoat Basecoat without dilution.

Raincoat Basecoat with Raincoat Classic Topcoat application

- Roller, Brush, spray apply one coats of Dr. Fixit Raincoat Waterproof Coating or Dr. Fixit Raincoat Basecoat without water dilution maintain the spreading rate of 3.7 - 4.2 sq. mtr per litre / (Self primer and one coat) application to achieve about 110 - 130 microns DFT. The second coat of Dr. Fixit Raincoat Classic Topcoat in desired color shade with interval of 6-8 hours without any dilution. Maintain the spreading rate of 6.00- 6.40 sq. mtr per litre / coat application to achieve about 50-60 microns DFT for horizontal surfaces..

RE PAINTING SURFACE

- For repainting, ensure the external plaster/concrete surface is sound. A self-primer coat of Dr. Fixit Raincoat Waterproof Coating or Dr. Fixit Raincoat Basecoat may be omitted if the existing paint adheres well. Apply a self-primer coat if flaking or scaling is observed.

Raincoat Basecoat with Raincoat Classic Topcoat application

- Roller, Brush, spray apply one coats of Dr. Fixit Raincoat Waterproof Coating or Dr. Fixit Raincoat Basecoat without water dilution maintain the spreading rate of 4.2 - 4.7 sq. mtr per litre / coat application to achieve about 110 - 130 microns DFT. The second coat of Dr. Fixit Raincoat Classic Topcoat in desired color shade with interval of 6-8 hours without any dilution. Maintain the spreading rate of 6.00- 6.40 sq. mtr per litre / coat application to achieve about 50-60 microns DFT for horizontal surfaces.

APPLICATION INFORMATION:

- Stirring: Thoroughly stir the product before use and occasionally during application to ensure color uniformity.
- Airless Spray: Raincoat Basecoat & Raincoat Classic Top coat can be applied using single-component Airless sprayers at a pressure of 150 bar, with tip sizes ranging from 23 to 27 thousandths of an inch.
- Spray Equipment: Handle spray equipment with care and in accordance with the manufacturer's recommendations.
- Brush: Premium quality sizes 75 MM & 100 MM
- Roller (nap roller cover): Use "3/8"-3/4" nap a microfiber or thread paint roller.
- Permissible Temperatures During Application:
- Material: 10°C to 32°C
- Ambient: 10°C to 38°C.

Precautions & Limitations

- Do not dilute.
- Do not apply when ambient temperature is below 10°C or above 35°C.
- Do not apply in direct sunlight or during rains or expected rain.
- Adhesion property may get affected over putty and very smooth surfaces.
- Tinted coating need thorough shaking immediately after tinter addition as well as before use

Technical Information

PROPERTIES	STANDARD SPECIFICATION	RESULTS
Elongation	ASTM D 412	Min 100
Tensile strength, Mpa	ASTM D 412	2.50
Water Resistance	SS 500	passes
Water Absorption@ 24 hrs	ASTM D 417	passes
Water Vapour Transmission	ASTM D 1653	passes
Accelerated QUV @ 3000 hrs	ASTM D 4587	passes
Crack bridging Ability	EN 1062 part 7	Class A4
Positive Hydrostatic Pressure	DIN 1048	7 Bar
Anti carbonation	EN 1062 part 6	Complies
Rapid Chloride ion Penetration test	ASTM C 1202	Low
Total thickness	160 - 180 microns	

*Theoretical Coverage On normal masonry surface. The spreading capacity of this product will vary according to the roughness and porosity of the surface.

New Construction - Fresh Plaster Surface:

Step -1 Self-priming coat of Dr. Fixit Raincoat Waterproof Coating or Dr. Fixit Raincoat Basecoat with 50% water dilution coverage 8-10 sq. mtr per litre / coat.

Step 2. One coat of Dr. Fixit Raincoat Waterproof Coating or Dr. Fixit Raincoat Basecoat. Combination of Self primer and one coat of Basecoat provides a coverage of 3.7-4.2 sq. mtr per litre / coat.

Step 3. One coat of Dr. Fixit Raincoat Classic Topcoat coverage of 6.0-6.4 square meters per coat.

Repainting:

Step 1. One coat of Dr. Fixit Raincoat Waterproof Coating with a coverage of 4.2- 4.70 sq. mtr per litre / coat.

Step 2. One coat of Dr. Fixit Raincoat Classic Topcoat coverage of 6.0-6.40 sq. mtr per litre / coat.

Note: · Colour shades in white, dark, and organic, additional coats may be required for the desired finish, hiding or opacity as per the Dr. Fixit Raincoat Fandack.

Packaging

1, 4, 10 & 20 litre.

Shelf Life & Storage

- Shelf life is 36 months from the date of manufacturing in unopened conditions. To be stored in original and unopened packaging in a cool and dry place away from direct sunlight.

Health & Safety Precautions

- Skin Contact:** Wash skin with soap & water. Remove contaminated clothes.
- On eye contact:** Immediately splash eyes with plenty of water. Consult Physician if irritation persists.
- Ingestion:** It is based on Water Based Coating system, however, seek medical help.



Other Products Categories available

Dr. Fixit brings you the widest range of Construction Chemicals



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